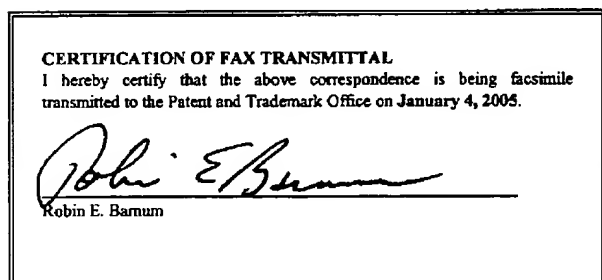


JAN 04 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Chris Heegard, et al. Attorney Docket No.: TI-33032
Serial No: 09/922,366 Filed: August 3, 2001
Art Unit: 2631 Examiner: Tesfaldet Bocure
Conf. No.: 7792
Title: Joint Equalization and Decoding Using a Search-Based Decoding
Algorithm



Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT PURSUANT TO 37 CFR 1.111

Dear Sir:

This amendment is in response to the Office Action dated October 4, 2004, having a
statutory period for response set to expire on January 4, 2005.

Amendments to Claims begin on page 2.

Remarks/Arguments begin on page 6.

TI-33032 - 1 -

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In re the Application of TI-33032
Chris Heegard, et al. Art Unit: 2631
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CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306 on the date shown below:


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NAME OF INVENTOR(S): Chris Heegard, et al.	
RECEIPT DATE & SERIAL NO.: Serial No.: 09/922,366 Filing Date: August 3, 2001	
TITLE OF INVENTION: Joint Equalization and Decoding Using a Search-Based Decoding Algorithm	
TI FILE NO.: TI-33032	DEPOSIT ACCT. NO.: 20-0668
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